

Title (en)
A discharge tube arrangement.

Title (de)
Entladungsröhren-System.

Title (fr)
Système de tube à décharge.

Publication
EP 0357453 B1 19950628 (EN)

Application
EP 89308877 A 19890901

Priority
GB 8821672 A 19880902

Abstract (en)
[origin: EP0357453A1] A discharge tube arrangement comprises an excitation device and a discharge tube (20) made of a light-transmissive dielectric material and containing a fill (24). The excitation device is suitable, when energised with radio frequency (r.f.) power, for exciting surface waves in the discharge tube (20). The excitation device includes a launcher (22) and a plurality of electrical components (36) associated with the supply of r.f. power to the launcher (22) and constituting at least one of an impedance matching network and a part at least of means to generate r.f. power. This plurality of electrical components is positioned in the launcher (22) between its inner and outer tubes (26, 28).

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H01J 65/04; H05H 1/46

IPC 8 full level
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CPC (source: EP US)
H01J 65/044 (2013.01 - EP US)

Cited by
US6137237A; US5070278A; US5258683A; EP0496463A3; US6518703B1; US6949887B2; US6313587B1; WO9936940A3; US6225756B1; US6252346B1; US6310443B1; US6326739B1

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